

PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Performance optic series.
- ② Corrosion resistant diecast aluminum housing.
- ③ High efficiency LED light engine with IES distribution types.
- ④ Clear tempered glass.
- ⑤ All stainless steel hardware.



CT164

MATERIALS

Clermont is crafted from durable A360 aluminum diecast and corrosion-resistant alloy with a copper content of less than 0.1%. The main housing is sealed with durable molded silicone gasket and a thick glass. Features a high efficiency LED light engine, mounted on a recessed heatsink whose pattern is optimized for heat dissipation.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz) or 347 volt (50-60Hz), operating temperature range of -30°C/-22°F to 45°C/113°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / 80CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm.

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65/IK07. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

MOUNTING

Mounts with a set of 3 x 3/8"-16 x 3 3/4" lg. galvanized anchor bolts.

MEASUREMENTS

Maximum weight: 15.3 lb (6.9 kg)



ORDERING CODE

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT	*VOLTAGE	FUSE	*CONTROLS
CT164 	<u>Static White</u>	LD2 Type II	27K 2700K	MOVOLT 120V-277V 347 347V	FS Fuse	ZT 0-10V dimming standard
	L1L15 1505 lm / 11w	LD3 Type III	30K 3000K			
	L1L30 3066 lm / 24w	LD4 Type IV	35K 3500K			
	L1L50 5068 lm / 42w	LD5 Type V	40K 4000K			
	L1L63 6328 lm / 55w		AMB Wavelengths: 585nm to 597nm			
	<u>True Amber</u> L1LK2A 572 lm / 44w ¹ Delivered lumens calculated at 4000K/80CRI except amber. Type V distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.					

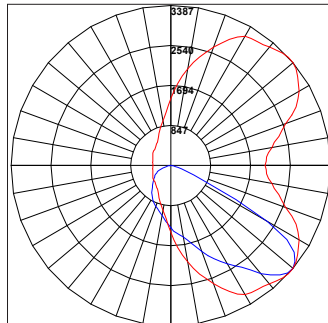
EMERGENCY	*FINISH	WOOD FINISH ⁵	ENVIRONMENT	LESS ANCHOR BOLTS
REM7 Remote emergency battery, 90 min, 7W ²	BKT Jet black	ADG American douglas	MG Marine grade paint ⁶	L/AB Less anchor bolts
	BZT Bronze	BRC Birch		
	CHT Champagne	CHN Chestnut		
	CNT Corten	CRY Cherry		
	DGT Gun metal	KNP Knotty pine		
	GRT Titanium gray	MPL Maple		
	MST Matte silver	OFL Oak		
	SGT Steel gray	RSW Rosewood		
	WHT Snow white	TEK Teak		
		WLN Walnut		
	CMC Custom matched color ³ RAL RAL color ⁴			

NOTES

- *- Denotes a required field
- 1- Available only with AMB.
- 2- Remote mount 50ft - 12" (305mm) square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by others.
- 3- Contact factory to coordinate custom matching color.
- 4- Specify RAL number.
- 5- Faux wood finish not applied to the fixture head, base cover, hand-hole or accessories. Additional delay required. Not compatible with marine grade paint.
- 6- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required..

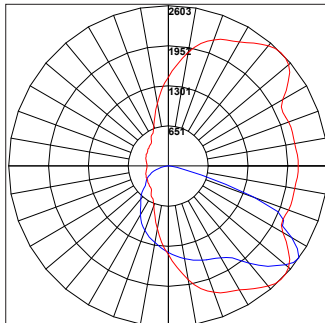
TYPICAL PHOTOMETRY SUMMARY

CT164-L1L63-LD2



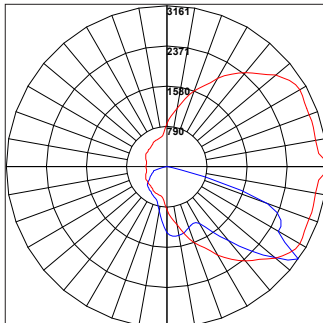
Total Lms: 6076 Lumens
Total Input Watts: 55 W
Efficacy: 110 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80CRI
Maximum Candela: 3387
(42.5°H, 50°V)

CT164-L1L63-LD3



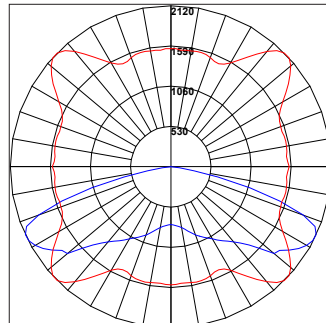
Total Lms: 5950 Lumens
Total Input Watts: 55 W
Efficacy: 108 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80CRI
Maximum Candela: 2603 (45°H, 55°V)

CT164-L1L63-LD4



Total Lms: 5758 Lumens
Total Input Watts: 55 W
Efficacy: 105 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80CRI
Maximum Candela: 3161 (0°H, 55°V)

CT164-L1L63-LD5



Total Lms: 6328 Lumens
Total Input Watts: 55 W
Efficacy: 115 Lumens/Watt
BUG: B3-U0-G1
CCT/CRI: 4000K/80CRI
Maximum Candela: 2120 (135°H, 65°V)

LUMEN CONVERSION FACTOR (LCF)

CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

All Photometry shown use the 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. file.

LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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REFERENCE TABLE - LIGHT OUTPUT

LD2 - TYPE II

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L15	1445 lm / 11 w	131 lm/w	B0-U0-G0
L1L30	2943 lm / 24 w	123 lm/w	B1-U0-G1
L1L50	4867 lm / 42 w	116 lm/w	B1-U0-G1
L1L63	6076 lm / 55 w	110 lm/w	B1-U0-G1

LD3 - TYPE III

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L15	1415 lm / 11 w	129 lm/w	B0-U0-G0
L1L30	2882 lm / 24 w	120 lm/w	B1-U0-G1
L1L50	4765 lm / 42 w	113 lm/w	B1-U0-G1
L1L63	5950 lm / 55 w	108 lm/w	B1-U0-G1

LD4 - TYPE IV

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L15	1369 lm / 11 w	124 lm/w	B0-U0-G0
L1L30	2789 lm / 24 w	116 lm/w	B1-U0-G1
L1L50	4611 lm / 42 w	110 lm/w	B1-U0-G1
L1L63	5758 lm / 55 w	105 lm/w	B1-U0-G1

LD5 - TYPE V

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L15	1505 lm / 11 w	137 lm/w	B1-U0-G0
L1L30	3066 lm / 24 w	128 lm/w	B2-U0-G1
L1L50	5068 lm / 42 w	121 lm/w	B2-U0-G1
L1L63	6328 lm / 55 w	115 lm/w	B3-U0-G1

OPTION DETAILS

